

3HAB5956-1

Industrial automation components

Manufacturer	Abb
Catalog number	3hab5956-1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.27 kgs
Memory Capacity	8 MB
Volatile Memory (RAM)	4 MB
Non-Volatile Memory	4 MB
Interface	Internal controller bus
Compatibility	ABB S4 and S4C robot controllers
Installation	Plug-in board for controller memory slot
Operating Temperature	0 °C to +55 °C
Storage Temperature	-20 °C to +70 °C
Dimensions	20 mm x 29 mm x 23 mm
Weight	4.00 kg

Description

The ABB 3HAB5956-1, also known as DSQC323, is an 8 MB memory expansion board designed for ABB industrial robot controllers, particularly within the S4 and early S4C control platforms. This module enhances the robot's capability by providing additional non-volatile and working memory, essential for storing robot programs, motion data, system parameters, and application files. By increasing the available memory space, the board facilitates more complex robot applications, larger program storage, and faster system access to control data, thereby improving the overall performance and stability of the robot control system. The module features a combination of 4 MB volatile RAM and 4 MB non-volatile memory, ensuring data retention even when power is removed. It interfaces with the internal controller bus and is compatible with ABB S4 and S4C robot controllers. Installation is straightforward as a plug-in board for the controller's memory slot. The operating temperature range is 0 °C to +55 °C, and the storage temperature range is -20 °C to +70 °C.